

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																													
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval																																																									
Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval																																																									
Root Cause		FAULT CATEGORY																																																															
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐	Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐	Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐	Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐	Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐	Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐	Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐	Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐	LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐	Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐	Past Expiry Date ☐	Manufacturing Process ☐	OTHER :			
Misidentified ☐	Past Due ☐																																																																

Work Order ID 162565

Monday, June 05, 2017 9:32:23 AM

162565

Page 2

Item ID: D3602-1 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Angle
Start Date: 6/8/2017 Start Qty: 6.00 ***6*** Cust Item ID:
Required Date: 6/15/2017 Req'd Qty: 6.00 ***6*** Customer:
Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
140 *140* QC Quality Control	QC5- Inspect part completeness to step on W/O Memo	0.00 0.12				<u>10</u>			DAS 38 9-89 JUL 14 2017
150 *150* Packaging Packaging	Identify as per dwg & Stock Location <u>81201</u> Memo	0.00 0.06				<u>10X</u>			DAS 26 9-89 JUL 19 2017
160 *160* QC Quality Control	QC21- Final Inspection - Work Order Release Memo	0.00 0.60							17/7/2017

DAS
21
9-89

JUL 19 2017

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																											
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Misidentified ☐	Past Due ☐																																																														

Picklist Print

Monday, June 05, 2017 9:32:21 AM

Page 1

Work Order ID: 162565

162565

Parent Item: D3602-1

D3602-1

Parent Item Name: Angle

Start Date: 6/8/2017

Required Date: 6/15/2017

Start Qty: 6.00

Required Qty: 6.00

Comments: IPP Rev:A New Issue 07-02-27 JLM
IPP Rev:B 08-12-11 as per ECN08-577 DD verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

D3602-1P

Purchased

No

100

Each

0.0000

1

D3602-1P

**

Angle

10x80177-14

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

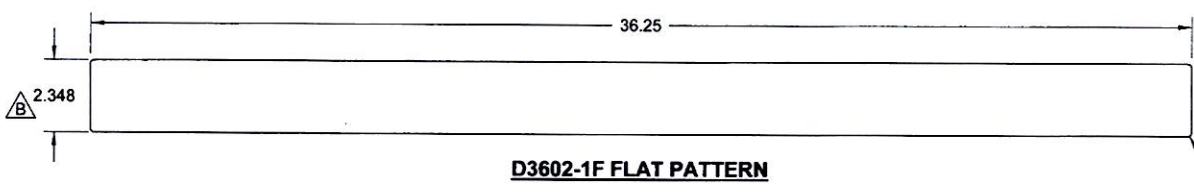
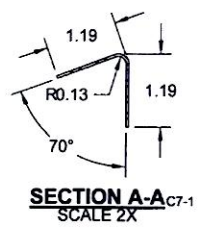
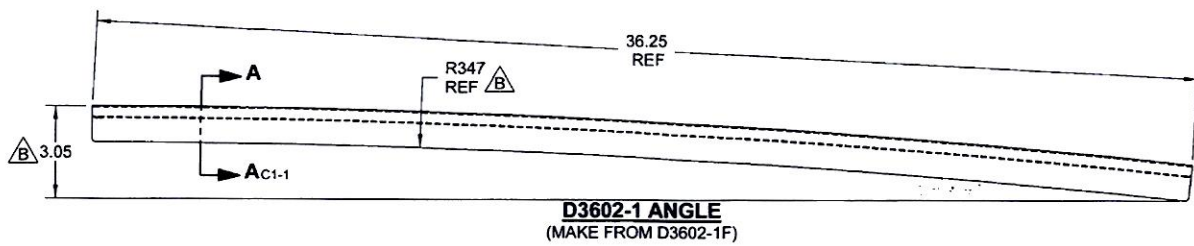


QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval	
Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	☐ No Re-verification	☐ Pressure/Forced	☐ Temperature/Cure	☐ Power Loss/Surge	☐ Positioned Wrong				
Design ☐	☐ Operator	☐ Bending	☐ Set-up	☐ Folio/Program	☐ Outside Dimensions				
Doc/Data ☐	☐ Offset/Setup	☐ Centre Not Concentric	☐ BOM/Route	☐ Grain	☐ Over/Under tolerance				
Equip/Tooling ☐	☐ Supplier	☐ Cracks	☐ Broken/Damage/Defect	☐ Weld	☐ Part Incorrect				
Handling/Pre ☐	☐ Training	☐ Crimp/Kink/Ripple/Wave	☐ Inspection Incomplete/Unqualified	☐ Wrong Stock Pulled	☐ Part Lost/Missing				
Material ☐	☐ Use for Testing	☐ Cuffs	☐ Contamination	☐ Out of Sequence	☐ Part Moved				
Internal Transport ☐	☐ Poor Information	☐ Crushing	☐ Countersink	☐ Off-set	☐ Drawing				
Tribal Knowledge ☐	☐ Rushing	☐ Heat Treat	☐ Cut Too Short	☐ Mislabeled	☐ Finish				
LOA ☐	☐ Product Improvement	☐ Wave/Twist in Tube	☐ Instructions Incomplete/Unclear	☐ Fit/Function	☐ Misread				
Substation ☐	☐ Process Improvement	☐ Marks/Chatter	☐ Drill Holes	☐ Misaligned/off center	☐ Turning Sequence				
Past Expiry Date ☐	☐ Manufacturing Process	OTHER :							
Misidentified ☐	☐ Past Due								

8 7 6 5 4 3 2 1



SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 16256J4W
1706-08

R0.13
TYP

RELEASED
6/63/11

- NOTES:**
- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SHEET, 20 GAUGE, 0.038 THICK, PER AMS 5513 OR AMS 5524, REF. DART SPEC. M304S20GA
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFY WITH DART P/N "D3602-1" USING FINE POINT PERMANENT INK MARKER
 - 7) WEIGHT: 0.97 lbs

B	ADDED ROUNDED SHAPE: R347 REF AND 3.05; 2.348 WAS 2.328. REF: NCR#09-014	MB	09.02.02
A	NEW ISSUE	MB	07.02.20
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	09.02.02		

DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWING NO. D3602	REV. B
TITLE ANGLE	SHEET 1 OF 1
	SCALE NTS

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8 7 6 5 4 3 2 1



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO36654**

Purchase Order Date 6/12/2017 8:44:12 AM
PO Print Date 6/12/2017

Page Number 1 of 2

Order From :
GFI
180 AVENUE LABROSSE
POINTE CLAIRE, QC H9R 1A1
CA

VC-GFI001

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

E-MAILED
JUN 12 2017

Contact Name		Buyer	Chantal Lavoie
Vendor Phone	514 630 4877	Customer POID	
		Customer Tax #	10127-2607
Ship To Contact		Terms	Net 30
Ship To Phone		Currency	CAD
Ship Via:	FedEx PI collect	FOB	FCA - (Free Carrier)
Ship Acct:			

Line Nbr	Reference Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
	Line Comments		Promise Date				
	Delivery Comments						
1	D3602-1P	Angle	7/6/2017 Yes 7/6/2017	FN	10.00 Each	\$70.00	\$700.00
	AS PER DWG D3602 REV. B B162565					DAS 38 9-89	
						Line Total:	\$700.00
3	71401-45	PROCUREMENT QUALITY CLAUSES	7/6/2017 No 7/6/2017		1.00	\$0.00	\$0.00
	PROCUREMENT QUALITY CLAUSES A005 RIGHT OF ENTRY A007 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION MAINTAINED BY SUPPLIER) A012 CHEMICAL AND PHYSICAL TEST REPORTS A016 PERSONNEL QUALIFICATION A017 RAW MATERIAL IDENTIFICATION (AS APPLICABLE) A026 CERTIFICATION OF MATERIAL CONFORMANCE A041 QUALITY MANAGEMENT SYSTEM A042 DART NOTIFICATION BY SUPPLIER A043 RETENTION OF QUALITY DOCUMENT						

Note:

6/12/2017



180 AVENUE LABROSSE
POINTE-CLAIRE, QC, CANADA H9R 1A1
TÉL.: (514) 630-4877 - FAX: (514) 630-4849

GFI est une division de Thomas & Betts Limitée / GFI is a division of Thomas & Betts Limited



BON DE LIVRAISON / SHIPPING MEMO

DATE DE LIVRAISON / SHIPPING DATE			N° DE BON DE LIVRAISON SHIPPING MEMO NO.	PAGE
JR - DY	MO - MO	AN - YR		
11	07	17	0603080	1/1



VENDU À / SOLD TO

EXPÉDIÉ À / SHIP TO

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON
K6A 1K7

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON
K6A 1K7

CODE DE CLIENT CUSTOMER CODE		N° DE CONTRAT JOB NO.	VOTRE N° DE COMMANDE YOUR PURCHASE ORDER NO.	EXPÉDIÉ PAR SHIP VIA				
DART GFI-0299		0334870	PO36654					
QUANTITÉ QUANTITY	N° DE PIÈCE PART NO.		DESCRIPTION					
10	D3602-1P		ANGLE ITEM 1 C OF C REQ'D					
MFG. JOB# 0334870 - 001 QTY 10 pcs								
DUE DATE: 21 July 2017								
								
817714								
D48 38 9-80 EXPÉDITEUR SHIPPER								

REÇU PAR / RECEIVED BY

DATE

TOUTES LES RÉCLAMATIONS DOIVENT ÊTRE FAITES EN DEDANS DE 5 JOURS DE LA RÉCEPTION
ALL CLAIMS MUST BE MADE WITHIN 5 DAYS OF RECEIPT OF GOODS.



T&B Manufacturing Inc.

180 Labrosse Av.
Pointe Claire, QC
H9R 1A1

TO:

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON
K6A 1K7

(CPO) PO#:

PO36654



(POI) ITEM#:

0001



PACKAGE COUNT:

1 OF 1

(PNR) PART NUMBER:

D3602-1P



(SHQ) QUANTITY:

10



PACKAGE WEIGHT:

(UNT) UNIT OF MEASURE:

EA



(PSN) PACKING SLIP #:

0603080



(COO) ORIGIN:

CA



(NAF) NAFTA:



(TRA) TRACEABILITY #:

0334870-001



CERTIFICATE OF COMPLIANCE
CERTIFICAT DE CONFORMITE



Membre de / A Member of **Thomas&Betts**

180 LABROSSE AVENUE
POINTE CLAIRE, QC
H9R 1A1

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON K6A 1K7

CERTIFICATE NO. 9 OUR JOB NO 0334870-001 SHIPPING MEMO 0603080

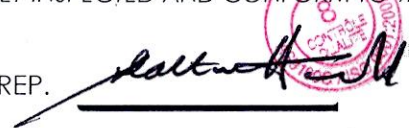
ITEM	QUANTITY	PURCHASE ORDER	PART NUMBER	REV	NAME	DWG ISSUE
<u>1</u>	<u>10 PCS</u>	<u>PO36654</u>	<u>D3602-1P</u>	<u>B</u>	<u>ANGLE</u>	<u>B</u>

MATERIAL	SUPPLIED BY	MAT. REL. NO.
<u>.040 THK AMS 5513 304 ANN</u>	<u>TW METALS/ ATI FLAT ROLLED PRODUCTS</u>	<u>H/N 849652</u>

	PROCESS	PROCESSOR	RELEASE NOTE #
1	<u>FIRST ARTICLE INSPECTION REPORT ON FILE</u>	<u>GFI</u>	<u>N/A</u>
2	<u>REF. GFI MANUFACTURING JOB NUMBER 0334870-001 (10 PCS)</u>	<u>GFI</u>	<u>N/A</u>
3			
4			
5			
6			
7			
8			
9			

WE HEREBY CERTIFY ALL THE PARTS COVERED BY THIS CERTIFICATE HAVE BEEN MANUFACTURED FROM MATERIAL SUPPLIED ON RELEASE NOTE SHOWN ABOVE AND THAT ALL PARTS HAVE BEEN INDIVIDUALLY INSPECTED AND CONFORM TO THE DRAWINGS AND PURCHASE ORDER REFERENCED ABOVE.

DATE 11 JULY 2017

G.F.I. Q.C. REP. 



TW METALS

O'Neal High-Performance
Metals Group

CERTIFICATIONS

FRAUD AND FALSIFICATION STATEMENT

The recording of false, fictitious or fraudulent statements or entries on this document may be punished as a felony under statutes including federal law. Title 18 chapter 47.

CERTIFICATE OF COMPLIANCE

This certificate of compliance certifies that the material supplied on the purchase order number below complies in all respects with the material description and procurement specifications.

MERCURY FREE STATEMENT

TW Metals certifies that the supplies furnished under this contract contain no metallic mercury or mercury compounds, and have not come in contact with mercury or alpha bearing instruments while in the possession of TW Metals Inc.

Customer Name: GFI, Inc

Purchase Order No.: 0089471

Item number: 0001

Shipper/Invoice No.: 12107384

Material: 304

Manufacturing Mill: ATI

Specification: AMS 5510

Heat / Lot No. 849652

Size: .040

Quantity: 1pc

Signature: Jessie Clark

Date: 6/27/17



Length: 120.0000

Width: 48.0000

Size: 0.04000

Customer P/N:

Packing List Number: 28945-1

Quantity: 66 lb. 1 pc.

Customer Name: TW Metals - NY

Customer PO: D12017809

UPM Sales Order: 633201

Date: 23/06/2017

Description/Form: STAINLESS 304L - SHEET

Heat Number: 849652

Ingot: 01029714

United Performance Metals

Paul Isaacs
Quality AssociateNOTICE OF SHIPMENT/
PACKING LIST

Flat Rolled Products

CERTIFICATE OF TEST

AL 6188-7 0316

CUST. ORD NO. & DATE 01029714 08/22/16	CUST. CODE 110977	FINISHING LOCATION VANDERGRIFF, PA	SHIPPER NO. 519098	PRODUCT CODE 13020102060000	INLL ORDER NUMBER 30-086-391	DATE SHIPPED 10/26/16
FORMS DISTRIBUTION SOLD TO 3	REPEAT ORDER 82037-4	CO. DATE 126	GOV'T CONTRACT	MAT'L 1124	SHIPPING LOCATION VANDERGRIFF PA	INVOICE 655016
PRIME SEC. DSO DSO 516	SHIP TO UNITED PERFORMANCE METALS 3475 SYMMES ROAD HAMILTON OH 45015					

GRADE AND SPECIFICATIONS CARRIER - COORDINATORS, INC.
 "ATI 304L" STAINLESS STEEL SHEET C R COILS ANNEALED 2B FIN 3 EDGE (UPM 304L/304/302) (AMS 5511H R2013) (AMS 5513J) (AMS 5516P) (ASTM-A-666-15) (UNS S30403) (UNS S30200) (UNS S30400) (S-400 DTD 02/07/2014) (ASTM-A-240-16) (S-1000 DATED 05/29/2015) (ASME-SA-240 ED 2015) (03/30/14 EXCEPT UPM 304L/304/302) (UPM-QRS-001 ISS 1 REV B) (03/06/15 EXC TO UPM-QRS-001) (EN 10028-7:2007-1.4301-2B) (EN 10028-7:2007-1.4307-2B)

ITEM	PCS	DIMENSIONS W/G/L	HEAT #	COIL #	TEST #	GROSS	TARE	NET	THEO	TAG #/	CD	SKID #
001	1	48./ .0401/3103.	849652	AAB56694-A	8841644	20715	50	20665		465363		
	1	48./ .0401/3029.	849652	AAB56694-B	8841644	20165	50	20115		465359		
C CUST IDENTITY 00731												
2 SKIDS												
						40880	100	40780				

DIST: EMAIL COPY OF C/T TO RMIRANDA@UPMET.COM AND BRANDALL@UPMET.COM

TYPE HEAT/TEST (WT %)	--C--	--MN--	--P--	--S--	--SI--	--CR--	--NI--	--MO--	--CU--	--N--
HEAT 849652	.021	1.65	.038	.0003	.32	18.24	8.13	.47	.49	.08
TEST LOCATION	BN	BN	BN	BN	BN	BN	BN	BN	BN	BN
CHECK 8841644	.021	1.64	.037	.0004	.32	18.14	8.04	.46	.48	.08
TEST LOCATION	TC	TC	TC	TC	TC	TC	TC	TC	TC	TC

UPMOC
Revised/Approved
SHEET: ALLOK MV 10-31-16
JPM

ITEM TEST NO	YIELD PSI *	TENSILE PSI	% ELONG IN 2"	% R/A	HARDNESS (MEASURED)	BEND ISO 3651-2SIZE	CORROSION ASTM GRAIN
001 8841644	T 42600.	92200.	53. #	NR	84.HRBW (69.HR30TW)	T PASS	PASS 9.
TEST LOCATION	TC	TC	TC	TC	TC	TC	TC

* Y.S. BY 0.2% OFFSET METHOD

PAGE 01 - CONTINUED ON PAGE 02

10/26/16 08:37:16

CONSUMER: Please Note - This document was turned over to carrier in full consideration, being exactly issued, in absolute responsibility for loss or damage to shipment. For your protection please examine the work as a wholesaler. If any shortage or damage is discovered, have a description made by transportation agent on way to the carrier.

WARNING
Safety Data Sheets for this product are available on our website, www.atimetals.com. A thorough review of the Safety Data Sheet for the grade of material purchased shall be performed prior to working with this product and all safety & health considerations outlined must be implemented.

The above is a true copy of data on file. The materials and test results conform to the sales contract and specification(s) as set forth in ATI Flat Rolled Products' Order Acknowledgment.

Stephen Wolf
Director, Corporate Quality Assurance



Width: 48.0000 Length: 120.0000
Size: 0.04000
Customer P/N: 28945-1
Packing List Number: 28945-1
Quantity: 66 lb, 1 pc.

Customer Name: TW Metals - NY
Customer PO: D12017809
UPM Sales Order: 633201
Date: 23/06/2017
Description/Form: STAINLESS 304L - SHEET
Heat Number: 849652
Ingot: 01029714

United Performance Metals

Paul Harris
Paul Harris
Quality Associate

NOTICE OF SHIPMENT/ PACKING LIST



Flint Rolled Products

CERTIFICATE OF TEST

AL 6185-7.0816

CUST. CRO. NO. & DATE	CUST. CODE	SHIPMENT LOCATION	SHIPMENT NO	PRODUCT CODE	WFL ORDER NUMBER	DATE SHIPPED
01029714	08/22/16 110977	VANDERGRIFF, PA	519098	13020102060000	30-086-391	10/26/16
FORMS DISTRIBUTION	REPEAT ORDER	DO NOT REPEAT	DATE	DATE	DATE	DATE
3	82037-4	26	1124	VANDERGRIFF	PA	655016
SOLD TO			SHIP TO			
UNITED PERFORMANCE METALS INC			UNITED PERFORMANCE METALS			
3475 SYMMES ROAD			3475 SYMMES ROAD			
HAMILTON OH 45015			HAMILTON OH 45015			

GRADE "ATI 304L" STAINLESS STEEL SHEET C R COILS ANNEALED 2B FIN 3. EDGE CARRIER - COORDINATORS, INC.

ITEM TEST NO	CORROSION	MELT	T-YIELD
001 8841644	A 262 PR E SOURCE	1%	1%
	PASS	1.	51600.

TEST LOCATION TC TC
ELONG AT FRACTURE

NR = DATA NOT REQUIRED
METALLOGRAPHIC MAGNIFICATION: 100X ETCHANT USED: OXALIC ACID

GRADE VERIFICATION WAS CARRIED OUT SPECTROSCOPICALLY

ASTM A262 PRACTICE E BEND ANGLE IS 180 DEGREES.

THESE COMMODITIES OR TECHNOLOGY, WHEN EXPORTED FROM THE UNITED STATES, ARE IN ACCORDANCE WITH THE USA EXPORT ADMINISTRATION REGULATIONS. DIVERSION CONTRARY TO U.S. LAW IS PROHIBITED. U.S. LAW ALSO PROHIBITS DISPOSITION OF THESE COMMODITIES/TECHNICAL DATA TO ANY END-USER OR FOR ANY END-USE RELATED TO THE DESIGN, DEVELOPMENT, PRODUCTION, STOCKPILING, OR USE OF CHEMICAL, BIOLOGICAL, OR NUCLEAR WEAPONS, OR MISSILES, WITHOUT THE PROPER APPROVAL OF THE UNITED STATES GOVERNMENT.

T1 SENSITIZATION HEAT TREATMENT WAS PERFORMED ON LOW CARBON AND STABILIZED GRADES. T1: HEATING OF A FLAT NON-WELDED TEST PIECE AT 700C +/- 10C (1292F +/- 18F) FOR 30 MINUTES FOLLOWED BY WATER COOLING.

MATERIAL WAS SOLUTION ANNEALED AT 1900F (1038C) MINIMUM FOR A TIME COMMENSURATE WITH THICKNESS AND RAPIDLY COOLED WITH AIR AND WATER.

PAGE 02 - CONTINUED ON PAGE 03

10/26/16 08:37:16

CONSIGNEE - Please Note - This Certificate was turned over to carrier in first class condition, being properly sealed, at which time our responsibility for loss or damage disposition ceased. For your protection please ensure shipment is secured. If any shortage or damage is discovered, have a LI inspection made by transportation agent or warehouse before signing.

WARNING

Safety Data Sheets for this product are available on our website, www.ATIMetals.com. A thorough review of the Safety Data Sheet for the grade of material purchased shall be performed prior to working with this product and all safety & health considerations outlined must be implemented.

The above is a true copy of data on file. The material and test results conform to the sales contract and specification(s) as set forth in ATI Flint Rolled Products' Order Acknowledgement.

Stephen Wolff
Director, Corporate Quality Assurance



Width: 48.0000
Size: 0.0400
Customer P/N:
Packing List Number: 28945-1
Quantity: 66 lb. 1 pc.

Customer Name: TW Metals - NY
Customer PO: D12017809
UPM Sales Order: 633201
Date: 23/06/2017
Description/Form: STAINLESS 304L - SHEET
Heat Number: 849662
Ingot: 01029714

United Performance Metals

Paul Lopez
Paul Lopez
Quality Associate

NOTICE OF SHIPMENT/ PACKING LIST



Flat Rolled Products

CERTIFICATE OF TEST

AL 6160-7 0816

CUST. ORD. NO. & DATE	CUST. CODE	FINISHING LOCATION	SHIPPER NO.	PRODUCT CODE	SHIP ORDER NUMBER	DATE SHIPPED
01029714 08/22/16 110977	VANDERGRIFF, PA	519098	13020102060000	30-086-391	10/26/16	
SOLD TO UNITED PERFORMANCE METALS INC 3475 SYMMES ROAD HAMILTON OH 45015		SHIP TO UNITED PERFORMANCE METALS 3475 SYMMES ROAD HAMILTON OH 45015		INVOICE 655016		

GRADE "ATI 304L" STAINLESS STEEL SHEET C R COILS ANNEALED 2B FIN 3 EDGE
CARRIER - COORDINATORS, INC.

ATI FLAT ROLLED PRODUCTS DOES NOT USE MERCURY IN THE TESTING OR PRODUCTION OF ITS PRODUCTS.
NO WELDS/WELD REPAIRS PERFORMED.

THE HARDNESS CONVERSION WAS PERFORMED USING EQUATIONS GIVEN IN ASTM E140 DEVELOPED FROM DATA IN TABLES 1, 2, 3, 5, AND 6. THE PARTICULAR EQUATION USED WAS BASED ON MATERIAL TYPE AND MEASURED HARDNESS SCALE. PER ASTM E140; THE CONVERSION VALUES ARE ONLY APPROXIMATE AND MAY BE INACCURATE FOR SPECIFIC APPLICATION.

EN 10204:2005 - ATI FLAT ROLLED PRODUCTS IS APPROVED AS A MANUFACTURER ACCORDING TO THE PRESSURE EQUIPMENT DIRECTIVE PED 97/23/EC.

WESTMORELAND MECHANICAL TESTING & RESEARCH, YOUNGSTOWN, PA (T7869) IS A GEAE S400 AND ISO/IEC 17025 APPROVED FACILITY.

THIS CERTIFIED MATERIAL TEST REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL. FEDERAL LAW PROHIBITS THE RECORDING OF FALSE, FICTITIOUS, OR FRAUDULENT STATEMENTS OR ENTRIES ON THE CERTIFICATE AND MAY BE PUNISHABLE AS A FELONY UNDER FEDERAL LAW. ATI FRP HOLDS SEVERAL QUALITY CERTIFICATIONS THAT INCLUDE ISO-9001, AS9100, NADCAP, AND ISO/IEC 17025. MATERIAL WAS MANUFACTURED IN ACCORDANCE WITH THE ATI FRP QUALITY MANUAL REVISION 24 DATED 10/16/2015.

ATI FLAT ROLLED PRODUCTS WORKS TO THE ROLLS ROYCE SABRE QUALITY MANAGEMENT SYSTEM REQUIREMENTS.

QUALITY SYSTEM CERTIFIED ACCORDING TO PRESSURE EQUIPMENT DIRECTIVE 97/23/EC, ANNEX I, 4.3 BY TUV SUD, INDUSTRIE SERVICE GMBH, (NOTIFIED BODY 0036).

PAGE 03 - CONTINUED ON PAGE 04

10/26/16 08:37:16

CONSIGNEE - Please note - This consignment was handed over to carrier in first class condition, being correctly loaded, at which time our responsibility for loss or damage in transit ceased. For your protection please examine shipment as it arrives. If any shortage or damage is discovered, have a bill of lading made by transportation agent completed before signing.

WARNING
Safety Data Sheets for this product are available on our website, www.ATIMetals.com. A thorough review of the Safety Data Sheet for the grade of material purchased shall be performed prior to working with this product and all safety & health considerations must be implemented.

The above is a true copy of data on file. The material and test results conform to the sales contract and specifications as set forth in ATI Flat Rolled Products' Order Acknowledgement.

Stephen Vitek
Director, Corporate Quality Assurance



Width: 48.0000 Length: 120.0000
 Size: 0.0400
 Customer PIN: 28945-1
 Packing List Number: 28945-1
 Quantity: 66 lb. 1 pc.

Customer Name: TW Metals - NY
 Customer PO: D12017809
 UPM Sales Order: 633201
 Date: 23/08/2017
 Description/Form: STAINLESS 304L - SHEET
 Heat Number: 849652
 Ingot: 01029714

United Performance Metals
 Paul D. D'Amico
 Quality Associate

NOTICE OF SHIPMENT/ PACKING LIST



CERTIFICATE OF TEST

AL0168-7 0316

CUST. ORD NO & DATE 01029714 08/22/16	CUST. CODE 110977	FINISHING LOCATION VANDERGRIFF, PA	SHIPPER NO 519098	PRODUCT CODE 13020102060000	WILL ORDER NUMBER 30-086-391	DATE SHIPPED 10/26/16
EQUIV DISTRIBUTION SOLD TO UNITED PERFORMANCE METALS INC 3475 SYMMES ROAD HAMILTON OH 45015	REPEAT ORDER 82037-4	GOVT CONTRACT PRIME SEC. DSO DSO 516	GOVT CONTRACT SHIP TO UNITED PERFORMANCE METALS 3475 SYMMES ROAD HAMILTON OH 45015	UATL 1124 VANDERGRIFF	SHIPPING LOCATION PA	INVOICE 655016

GRADE "ATI 304L" STAINLESS STEEL SHEET C R COILS ANNEALED 2B FIN 3 EDGE CARRIER - COORDINATORS, INC.

ATI FLAT ROLLED PRODUCTS PERFORMS CHEMICAL ANALYSIS BY THE FOLLOWING TECHNIQUES FOR TESTING LOCATIONS TC, BN, MI, & LO:

C, S BY COMBUSTION/INFRARED
 N, O, H BY INERT FUSION/THERMAL CONDUCTIVITY
 MN, P, SI, CR, NI, MO, CU, CB, CO, V BY WDXRF
 B BY OES
 AL AND TI (>=0.10%) BY WDXRF, OTHERWISE BY OES
 PB, BI, AG BY GFAA

MATERIAL TESTED AT ATI FLAT ROLLED PRODUCTS GEAE S400 APPROVED FACILITIES (T1225 & T9317): NATRONA HEIGHTS, PA; BRACKENRIDGE, PA AND NEW BEDFORD, MA.

ATI FLAT ROLLED PRODUCTS HOLDS SEVERAL QUALITY AND LABORATORY CERTIFICATIONS THAT INCLUDE ISO-9001, AS9100, AD 2000-MERKBLATT WQ, EU PRESSURE EQUIPMENT DIRECTIVE 97/23/EC, NADCAP, ISO/EIC 17025, GEAE S400 (T1225 & T9317), GEAE S-1000. REFER TO WWW.ATIMETALS.COM TO ACCESS THE CURRENT ATI FRP QUALITY CERTIFICATIONS.

THE NUMERIC CODES SHOWN UNDER MELT SOURCE CAN BE INTERPRETED AS FOLLOWS:

1. - MATERIAL MELTED, ROLLED AND TESTED IN THE UNITED STATES.
2. - FOREIGN MELT; ROLLED AND TESTED IN THE UNITED STATES.

ATI FLAT ROLLED PRODUCTS HAS NO CONTROL OVER CUSTOMER PROCESSING OF MATERIAL; INCLUDING, BUT NOT LIMITED TO, BUFFING OR ELECTROPOLISHING MATERIAL WITH A 2B OR OTHER FINISH, AND DOES NOT REPRESENT OR GUARANTY THAT THE MATERIAL IS SUITABLE FOR ANY PARTICULAR PROCESS OR USE OF CUSTOMER.

EN 10204:2005 3.1 CERTIFICATE.
 PAGE 04 - CONTINUED ON PAGE 05

10/26/16 08:37:16

CONSIGNEE: Please sign this document and return it to ATI Flat Rolled Products, 3475 Symmes Road, Hamilton, OH 45015, or to your local sales office. For your protection please guarantee shipment at a secure. If any shortage or damage is discovered, have a full inspection made by a transportation agent on arrival before signing.

WARNING: Safety Data Sheets for this product are available on our website, www.atimetals.com. A thorough review of the Safety Data Sheet for the grade of material purchased shall be performed prior to working with this product and all safety & health considerations outlined must be implemented.

The above is a true copy of data on file. The material and test results conform to the sales contract and specifications as set forth in ATI Flat Rolled Products' Order Acknowledgement.

Stephen W. [Signature]
 Director, Corporate Quality Assurance



Width: 48.0000 Length: 120.0000
Size: 0.04000
Customer P/N:
Packing List Number: 28945-1
Quantity: 66 lb. 1 pc.

Customer Name: TW Metals - NY
Customer PO: D12017809
UPM Sales Order: 633201
Date: 23/06/2017
Description/Form: STAINLESS 304L - SHEET
Heat Number: 849652
Ingot: 01029714

United Performance Metals

Paul Macas
Paul Macas
Quality Associate

NOTICE OF SHIPMENT/ PACKING LIST



Flat Rolled Products

CERTIFICATE OF TEST

AL 6100-7 0816

CUST. ORD. NO. & DATE	01029714	08/22/16	CUST. CODE	110977	FINISHING LOCATION	VANDERGRIFF, PA	SHIPMENT NO	519098	PRODUCT CODE	13020102060000	VAL. ORDER NUMBER	30-086-391	DATE SHIPPED	10/26/16
FORMS DISTRIBUTION	SOLD TO	PRIME SEC.	REPEAT ORDER	DO 1 PRI	DATE	11/24	VANDERGRIFF	PA	1124	SHIPPING LOCATION	PA	655016	INVOICE	
3	1	1	02037-4	26										
UNITED PERFORMANCE METALS INC					UNITED PERFORMANCE METALS									
3475 SYMMES ROAD					3475 SYMMES ROAD									
HAMILTON OH 45015					HAMILTON OH 45015									

GRADE CARRIER - COORDINATORS, INC.
"ATI 304L" STAINLESS STEEL SHEET C R COILS ANNEALED 2B FIN 3 EDGE

TESTING WAS PERFORMED AT THE FOLLOWING LOCATIONS:
BN = ATI-FLAT ROLLED PRODUCTS; 100 RIVER ROAD; BRACKENRIDGE, PA 15014
TC = ATI-FLAT ROLLED PRODUCTS; 1300 PACIFIC AVENUE; NATRONA HEIGHTS, PA 15065

<<<<<<< FOR ACCESS TO ONLINE CERTIFICATES OF TEST >>>>>>>
<<<<<<< REGISTER AT MYATI.ATIMETALS.COM >>>>>>>



PAGE 05 - FINAL PAGE.

10/26/16 08:37:16

CONSIGNEE - Please sign for this consignment and hand over to carrier first this is condition, being carrier's responsibility for loss or damage in shipment unless stated otherwise. If any damage or loss is discovered, have a written description made by transportation agent on waybill before signing.

WARNING
Safety Data Sheet for this product is available on our website, www.ATIMetals.com. A thorough review of the Safety Data Sheet for the grade of material purchased shall be performed prior to working with this product and all safety & health considerations outlined must be implemented.

The above is a true copy of data on file. The material and test results conform to the sales contract and specification(s) as set forth in ATI Flat Rolled Products' Order Acknowledgement.

Stephen Wolf
Director, Corporate Quality Assurance



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO36654

Purchase Order Date 6/12/2017 8:44:12 AM

PO Print Date 6/12/2017

Page Number 1 of 2

Order From :

VC-GFI001

Ship To : DART AEROSPACE LTD

GFI
180 AVENUE LABROSSE
POINTE CLAIRE, QC H9R 1A1
CA

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 514 630 4877

Ship To Contact

Ship To Phone

Ship Via: FedEx PI collect

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms Net 30

Currency CAD

FOB FCA – (Free Carrier)

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	D3602-1P AS PER DWG D3602 REV. B B162565	Angle	7/6/2017 Yes 7/6/2017 07/21/2017	FN	10.00 Each	\$70.00	\$700.00
Line Total:							\$700.00
3	71401-45 PROCUREMENT QUALITY CLAUSES A005 RIGHT OF ENTRY A007 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION MAINTAINED BY SUPPLIER) A012 CHEMICAL AND PHYSICAL TEST REPORTS A016 PERSONNEL QUALIFICATION A017 RAW MATERIAL IDENTIFICATION (AS APPLICABLE) A026 CERTIFICATION OF MATERIAL CONFORMANCE A041 QUALITY MANAGEMENT SYSTEM A042 DART NOTIFICATION BY SUPPLIER A043 RETENTION OF QUALITY DOCUMENT	PROCUREMENT QUALITY CLAUSES	7/6/2017 No 7/6/2017		1.00	\$0.00	\$0.00

APPROVED

By Pedro at 3:07 pm, Jun 13, 2017

Note:

6/12/2017